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**Eradication**

**Program**

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CURRENT SERIAL RECORDS

*Statistical Tables  
Fiscal Year 1962*

Animal Disease Eradication Division  
Agricultural Research Service  
U. S. DEPARTMENT OF AGRICULTURE

## CONTENTS

### TABLES

1. SUMMARY OF BOVINE TUBERCULOSIS ERADICATION IN COOPERATION WITH THE VARIOUS STATES, FISCAL YEAR 1962
2. SUMMARY OF BOVINE TUBERCULOSIS ERADICATION IN COOPERATION WITH THE VARIOUS STATES, 1917 - 1962, INCLUSIVE
3. COOPERATIVE DATA OF TUBERCULOSIS WORK, FISCAL YEARS 1935 - 1962, INCLUSIVE
4. ANNUAL RESULTS OF TUBERCULOSIS TESTING OF CATTLE, FISCAL YEARS 1917 - 1962, INCLUSIVE
5. COOPERATIVE RECORD OF SLAUGHTERED REACTORS TO THE TUBERCULIN TEST FISCAL YEARS 1923 - 1962, INCLUSIVE
6. RESULTS OF TRACING SLAUGHTERED CATTLE SHOWING LESIONS OF TUBERCULOSIS (NON-REACTORS) FORM ADE 6-35, FISCAL YEAR 1962
7. MODIFIED ACCREDITED TUBERCULOSIS AREAS BY STATES
8. TUBERCULOSIS ACCREDITED HERDS AND CATTLE, 1918 - 1962, INCLUSIVE
9. ANNUAL AVERAGE INDEMNITIES, APPRAISALS, AND SALVAGE IN TUBERCULOSIS ERADICATION WORK, FISCAL YEARS 1919 - 1962, INCLUSIVE
10. AVIAN TUBERCULOSIS SURVEYS, FISCAL YEARS 1925 - 1962, INCLUSIVE
11. AVIAN TUBERCULOSIS ERADICATION WORK IN COOPERATION WITH STATES, FISCAL YEAR 1962
12. SUMMARY OF PARATUBERCULOSIS (JOHNE'S DISEASE) FISCAL YEARS 1957-1962
13. SUMMARY OF PARATUBERCULOSIS (JOHNE'S DISEASE) FISCAL YEAR 1962
14. AVIAN TUBERCULOSIS TESTING FISCAL YEARS 1956 - 1962, INCLUSIVE
15. SUMMARY OF AVIAN TUBERCULOSIS ERADICATION WORK IN COOPERATION WITH STATES, FISCAL YEAR 1962
16. SUMMARY OF ANIMALS CLASSIFIED AS SUSPICIOUS TO TUBERCULIN TESTS, FISCAL YEARS 1959 - 1962, INCLUSIVE
17. SUMMARY OF ANIMALS CLASSIFIED AS SUSPICIOUS TO TUBERCULIN TESTS, FISCAL YEAR 1962
18. SWINE TUBERCULOSIS TESTING, FISCAL YEARS 1958 - 1962
19. SUMMARY OF SWINE TUBERCULOSIS ERADICATION WORK IN COOPERATION WITH STATES, FISCAL YEAR 1962
20. LOSSES OF CATTLE, EXCEPTING REACTORS, DUE TO RETENTIONS FOR TUBERCULOSIS, FISCAL YEARS 1916 - 1962, INCLUSIVE
21. LOSSES OF SWINE DUE TO RETENTIONS FOR TUBERCULOSIS, FISCAL YEARS, 1921 - 1962, INCLUSIVE



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
ANIMAL DISEASE ERADICATION DIVISION

SUMMARY OF BOVINE TUBERCULOSIS ERADICATION IN COOPERATION WITH THE VARIOUS STATES  
FISCAL YEAR 1962

TABLE 1

States	Herds Tested	Cattle Tested	Infected Premises	Percent Infected	Reactors Found	Percent Reactors
Alabama	505	25,675	1	0.2	1	0.01
Alaska	108	2,604	- -	0.0	- -	0.00
Arizona	985	32,996	17	1.7	100	0.30
Arkansas	2,382	62,962	11	0.5	66	0.10
California	14,329	635,099	297	2.1	853	0.13
Colorado	1,129	34,816	21	1.9	62	0.18
Connecticut	5,045	136,845	50	1.0	108	0.08
Delaware	1,597	41,113	6	0.4	9	0.02
Florida	2,543	238,305	36	1.4	118	0.05
Georgia	2,699	85,580	4	0.1	4	0.01
Hawaii	421	20,148	11	2.6	19	0.09
Idaho	1,439	37,153	6	0.4	15	0.04
Illinois	11,565	318,858	223	1.9	416	0.13
Indiana	16,214	229,639	149	0.9	234	0.10
Iowa	15,956	424,907	519	3.3	823	0.19
Kansas	6,362	168,030	61	1.0	255	0.15
Kentucky	5,138	80,264	48	0.9	114	0.14
Louisiana	845	37,941	18	2.1	47	0.12
Maine	4,033	86,695	4	0.1	8	0.01
Maryland	10,599	317,604	28	0.3	61	0.02
Massachusetts	6,605	144,778	39	0.6	78	0.05
Michigan	29,262	388,487	789	2.7	1,396	0.36
Minnesota	31,365	487,809	108	0.3	139	0.03
Mississippi	3,530	107,249	1	0.1	2	0.01
Missouri	7,929	198,465	32	0.4	69	0.03
Montana	978	30,595	11	1.1	20	0.07
Nebraska	3,171	93,181	72	2.3	133	0.14
Nevada	284	6,803	3	1.1	3	0.04
New Hampshire	4,425	83,462	3	0.1	4	0.01
New Jersey	6,637	192,330	188	2.8	358	0.19
New Mexico	579	17,900	7	1.2	20	0.11
New York	17,336	513,726	344	2.0	788	0.15
North Carolina	6,586	206,233	35	0.5	100	0.05
North Dakota	1,675	40,002	12	0.7	23	0.06
Ohio	27,760	432,576	342	1.2	497	0.11
Oklahoma	3,589	114,861	68	1.9	188	0.16
Oregon	6,824	92,979	84	1.2	145	0.15
Pennsylvania	35,274	774,428	488	1.4	1,201	0.16
Rhode Island	1,384	18,483	16	1.2	19	0.10
South Carolina	2,227	61,210	- -	0.0	- -	0.00
South Dakota	4,156	168,946	36	0.9	54	0.03
Tennessee	2,951	86,127	59	2.0	106	0.12
Texas	13,691	325,382	205	1.5	766	0.24
Utah	3,467	44,198	96	2.8	154	0.35
Vermont	4,632	152,687	28	0.6	44	0.03
Virginia	7,917	275,506	41	0.5	110	0.04
Washington	2,093	42,087	31	1.5	67	0.16
West Virginia	1,591	52,201	6	0.4	8	0.02
Wisconsin	33,503	995,703	344	1.0	954	0.10
Wyoming	475	10,561	4	0.8	8	0.08
Puerto Rico	3,877	42,187	13	0.3	173	0.41
Virgin Islands	25	922	- -	0.0	- -	0.00
Total	379,692	9,219,298	5,015	1.3	10,940	0.12

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
ANIMAL DISEASE ERADICATION DIVISION

SUMMARY OF BOVINE TUBERCULOSIS ERADICATION IN COOPERATION WITH THE VARIOUS STATES

TABLE 2 July 1, 1917 to June 30, 1962

State	Herds Tested	Cattle Tested	Reactors Found	Percent Reactors
Alabama	376,541	3,233,215	5,251	0.2
Alaska	1,507	22,578	81	0.4
Arizona	97,613	1,893,904	11,506	0.6
Arkansas	311,151	2,225,681	1,821	0.1
California	866,848	26,988,332	385,165	1.4
Colorado	122,520	2,267,721	13,514	0.6
Connecticut	382,086	6,165,644	90,667	1.5
Delaware	104,861	1,598,646	20,845	1.3
Dist. of Columbia	2,001	24,882	124	0.5
Florida	147,724	4,351,029	9,039	0.2
Georgia	317,275	3,318,307	5,646	0.2
Hawaii	15,468	671,595	4,363	0.6
Idaho	136,693	1,947,855	6,142	0.3
Illinois	2,368,431	29,871,613	311,284	1.0
Indiana	823,481	9,376,447	45,835	0.5
Iowa	1,730,159	32,378,741	351,878	1.1
Kansas	468,094	7,046,074	27,634	0.4
Kentucky	304,316	2,514,221	9,098	0.4
Louisiana	218,208	3,612,100	16,677	0.5
Maine	291,392	2,868,504	10,151	0.4
Maryland	526,434	8,343,142	76,560	0.9
Massachusetts	532,744	6,904,006	140,462	2.0
Michigan	1,527,871	16,152,962	109,109	0.7
Minnesota	1,488,610	28,014,221	173,628	0.6
Mississippi	382,507	3,360,416	4,363	0.1
Missouri	533,452	6,531,162	11,999	0.2
Montana	122,243	2,624,441	9,059	0.3
Nebraska	538,934	9,414,914	56,917	0.6
Nevada	25,428	495,362	2,617	0.5
New Hampshire	377,374	4,272,376	42,799	1.0
New Jersey	480,656	7,625,118	94,337	1.2
New Mexico	71,759	883,598	2,187	0.2
New York	2,516,918	44,857,314	974,303	2.2
North Carolina	440,847	3,452,574	4,816	0.1
North Dakota	288,243	5,670,561	33,850	0.6
Ohio	1,733,931	16,492,766	118,458	0.7
Oklahoma	430,407	5,905,117	13,225	0.2
Oregon	688,481	5,702,485	21,452	0.4
Pennsylvania	1,942,326	22,506,181	337,317	1.5
Rhode Island	66,827	942,443	24,574	2.6
South Carolina	190,027	1,578,758	2,486	0.2
South Dakota	330,124	7,801,110	57,849	0.7
Tennessee	344,758	2,830,565	5,996	0.2
Texas	827,695	10,021,567	15,423	0.2
Utah	307,334	1,855,401	11,188	0.6
Vermont	390,418	8,615,856	138,360	1.6
Virginia	427,496	5,739,373	21,165	0.4
Washington	462,330	5,009,154	45,689	0.9
West Virginia	239,670	2,012,905	7,006	0.3
Wisconsin	1,696,136	36,063,483	226,476	0.6
Wyoming	66,151	1,255,899	4,163	0.3
Puerto Rico	232,821	3,007,305	8,810	0.3
Virgin Islands	691	33,110	0	0.0
Miscellaneous before 1917	310	4,899	184	3.8
Interstate	518,518	4,964,204	13,029	0.3
TOTALS	29,836,840	433,321,837	4,136,577	1.0



STATEMENT OF COMPARATIVE TESTING, MODIFIED ACCREDITED AREAS  
AVERAGE APPRAISAL, SALVAGE, AND STATE AND FEDERAL, INDEMNITY IN TUBERCULOSIS ERADICATION WORK  
FISCAL YEAR 1935 TO 1962 INCLUSIVE

TABLE 3

Fiscal Year	TESTS CONDUCTED		Reactors Found	Per- cent Infec- tion	Modi- fied Accred- ited Areas(a)	Average During Year			Federal Indemnity
	Herd	Cattle				Appraisal	Salvage	State Indemnity	
1935	2,378,668	25,237,532	376,623	1.5	2,428	\$ 57.55	\$ 15.19	\$ 15.87	\$ 18.70
1936	1,944,624	22,918,038	165,496	.7	2,921	77.66	26.50	10.18	22.44
1937	961,109	13,750,308	94,104	.7	3,030	86.04	28.94	12.20	22.72
1938	1,007,586	14,108,871	89,359	.6	3,124	86.76	32.16	16.41	18.12
1939	750,806	11,186,805	60,338	.5	3,142	89.01	34.49	18.96	15.97
1940	819,408	12,222,318	56,343	.46	3,148	91.05	37.12	20.44	16.20
1941	777,435	12,229,499	40,702	.3	3,151	96.50	40.99	20.95	16.48
1942	681,504	10,983,086	28,008	.26	3,151	109.69	50.35	21.49	16.55
1943	563,413	9,308,936	17,167	.18	3,151	135.19	65.03	27.50	18.75
1944	524,927	8,894,466	18,338	.2	3,151	154.53	59.93	36.07	21.72
1945	484,749	8,105,480	19,534	.24	3,151	161.32	59.78	40.31	22.71
1946	505,296	8,454,463	19,464	.23	3,150(b)	174.20	69.00	37.26	23.89
1947	515,517	8,312,919	16,666	.2	3,150	199.46	83.55	40.81	24.19
1948	523,924	8,294,423	15,943	.19	3,150	234.60	119.74	38.53	23.90
1949	536,162	8,737,501	17,007	.19	3,150	285.78	139.46	37.68	24.72
1950	539,799	9,439,811	17,733	.19	3,150	272.87	123.24	43.40	25.05
1951	503,933	8,847,228	12,353	.14	3,149(c)	323.70	174.64	43.59	24.92
1952	488,769	9,164,265	10,351	.11	3,149	346.13	174.05	46.15	25.66
1953	463,159	9,675,245	10,811	.11	3,149	309.47	117.31	49.22	26.12
1954	478,975	10,234,665	10,886	.11	3,149	250.92	82.18	43.76	26.60
1955	417,683	9,210,810	11,133	.12	3,149	235.10	77.63	45.24	25.28
1956	418,059	9,220,244	14,363	.15	3,148(b)	246.52	89.43	39.97	25.60
1957	414,162	8,976,409	13,974	.16	3,150(d)	255.69	94.06	38.44	25.78
1958	396,587	8,883,813	15,361	.17	3,150	301.81	133.27	36.65	26.13
1959	366,357	8,187,161	18,914	.23	3,148(b)	352.17	167.27	32.68	26.10
1960	393,334	9,439,706	14,149	.15	3,148	342.15	142.56	38.70	26.76
1961	399,810	9,788,386	14,579	.15	3,148	340.28	132.90	42.02	26.66
1962	379,692	9,219,298	10,940	.12	3,149(d)	329.40	128.03	43.00	26.44

(a) Includes Puerto Rico and the Virgin Islands

(b) Reduction is due to consolidation of Counties

(c) Reduction is due to no cattle in District of Columbia

(d) Increase is due to addition of new Counties

## ANNUAL RESULTS OF TUBERCULIN TESTING OF CATTLE

Table (4)

Fiscal Year 1917 - 1962

Fiscal Year	Cattle Tested	Reactors	
		Number	Percent
1917	20,101	645	3.2
1918	134,143	6,544	4.9
1919	329,878	13,528	4.1
1920	700,670	28,709	4.1
1921	1,366,358	53,768	3.9
1922	2,384,236	82,569	3.5
1923	3,460,849	113,844	3.3
1924	5,312,364	171,559	3.2
1925	7,000,028	214,491	3.1
1926	8,650,780	323,084	3.7
1927	9,700,176	285,361	2.9
1928	11,281,490	262,113	2.3
1929	11,683,720	206,764	1.8
1930	12,845,871	216,932	1.7
1931	13,782,273	203,778	1.5
1932	13,443,557	254,785	1.9
1933	13,073,894	255,096	2.0
1934	15,119,763	232,368	1.5
1935	25,237,532	376,623	1.5
1936	22,918,038	165,496	0.7
1937	13,750,308	94,104	0.7
1938	14,108,871	89,359	0.6
1939	11,186,805	60,338	0.5
1940	12,222,318	56,343	0.46
1941	12,229,499	40,702	0.3
1942	10,983,086	28,008	0.26
1943	9,308,936	17,167	0.18
1944	8,894,466	18,338	0.2
1945	8,105,480	19,534	0.24
1946	8,454,463	19,464	0.23
1947	8,312,919	16,666	0.2
1948	8,294,423	15,943	0.19
1949	8,737,501	17,007	0.19
1950	9,439,811	17,733	0.19
1951	8,847,228	12,353	0.14
1952	9,164,265	10,351	0.11
1953	9,675,245	10,811	0.11
1954	10,234,665	10,886	0.11
1955	9,210,810	11,133	0.12
1956	9,220,244	14,363	0.15
1957	8,976,409	13,974	0.156
1958	8,883,813	15,361	0.17
1959	8,187,161	18,914	0.23
1960	9,439,706	14,149	0.15
1961	9,788,386	14,579	0.15
1962	9,219,298	10,940	0.12
TOTALS	433,321,837	4,136,577	1.0



COMPARATIVE RECORD OF SLAUGHTERED REACTORS TO THE TUBERCULIN TESTS  
Table (5)

Fiscal Years 1923 - 1962

Fiscal Year	Reactors Slaughtered	Condemned		Passed for Cooking	
		Number	Percent	Number	Percent
1923	107,250	12,758	11.9	1,547	1.4
1927	289,662	27,627	9.5	2,706	0.9
1930	215,524	16,286	7.6	3,242	1.5
1931	213,829	14,331	6.7	2,571	1.2
1932	244,973	20,858	8.6	4,026	1.6
1933	267,142	21,837	8.2	5,979	2.2
1934	237,102	20,772	8.8	5,684	2.4
1935	367,368	30,893	8.4	7,378	2.0
1936	168,273	13,380	8.3	1,968	1.2
1937	93,468	6,887	7.4	752	0.8
1938	92,105	7,455	8.1	562	0.6
1939	63,616	3,615	5.7	310	0.5
1940	58,127	2,429	4.2	440	0.8
1941	41,426	1,533	3.7	185	0.4
1942	29,005	1,203	4.1	179	0.6
1943	17,700	770	4.4	133	0.8
1944	17,733	721	4.1	125	0.7
1945	18,945	959	5.1	112	0.6
1946	19,745	956	4.8	97	0.5
1947	16,907	783	4.6	106	0.6
1948	16,107	678	4.2	89	0.6
1949	16,779	655	3.9	157	0.9
1950	17,579	728	4.1	230	1.3
1951	12,422	569	4.6	87	0.7
1952	10,304	525	5.1	78	0.7
1953	10,955	583	5.3	68	0.6
1954	10,975	495	4.6	74	0.7
1955	11,133	417	3.9	70	0.7
1956	9,886	303	3.1	55	0.6
1957	14,054	319	2.3	39	0.3
1958	15,194	242	1.6	28	0.1
1959	18,606	168	0.9	57	0.3
1960	13,990	165	1.2	29	0.2
1961	14,662	273	1.9	43	0.3
1962	10,747	371	3.5	52	0.5

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
ANIMAL DISEASE ERADICATION DIVISION

RESULTS OF TRACING SLAUGHTERED CATTLE SHOWING LESIONS OF TUBERCULOSIS  
(NON-REACTORS)  
(FORM ADE 6-35)

July 1, 1961 -- June 30, 1962

TABLE 6

1. No. of Completed ADE 6-35's from Field Offices	2. No. of Animals Reported with Lesions on ADE 6-35's	3. No. of Reported Lesions Not Sugg. for TB on Lab. Exam.	4. No. of Cases Traced to Herds	5. No. of Cases Unable to Trace	6. No. of Cases Traced to Herd of Origin	7. No. of Herds of Origin Tested	8. No. of Asso- ciated Herds Located	9. No. of Asso- ciated Herds Tested	10. Total Herds Tested (7 & 9)	11. No. of Herds Tested with Clean Reactors	12. No. of Herds Reactors Disclosed	13. No. of Reactors	Ext.	W.M.	Sil.	MOL	Skin	14. No. of Cattle Tested
Alabama	1		1															
Arizona	6	1		1	4	1*			1			35		4	8	22	1	708
Arkansas	2	2			2	2			2	1		7						136
California	32	39	16	7	12	12	1	1	13	9	4	193	33	19	31	110		5019
Colorado	6	6	4	1		1			1	1								385
Connecticut	3	5			3	1			1		1	2		1		1		76
Delaware																		
Florida	4	4	2	1	2	1	3	3	4	4								1465
Georgia	2	2	1	1	1	1			1	1								21
Idaho	10	15	4	2	4	4	1	1	5	4								492
Illinois	25	25	10	1	13	13	21	21	34	28	6	25	7	2	4	12		1196
Indiana	4	4	1	3	7	7	14	14	14	13	1	1						618
Iowa	34	34	10	15	7	7	22	22	29	26	3	12	5	4	1	2		1191
Kansas	3	6	1	1	1	1	26	26	27	25	2	4	1					1298
Kentucky	3	3		1	2	2	2	2	4	2	2	6		1		5		238
Louisiana	3	3			3	3	2	2	5	2	3	5	1		1	3		354
Maine	1	1	1		1	1			1	1								44
Maryland	1	1	1		1	1			1	1								39
Massachusetts	4	4	1		1	1	24	21	23	16	7	19	1		3	15		1216
Michigan	25	26	4	3	23	21	5	5	26	17	9	80**	29	16	16	16	1	1035
Minnesota	5	8	3	1	3	3	6	6	9	9								292
Mississippi	6	6	2	1	3	3	3	1	4	3	1	2			2			186
Missouri	14	14	5	5	4	4	76	76	80	77	3	8	2		1	5		2816
Montana	10	10	3	4	4	4	2	2	6	6			7	2	1	6		395
Nebraska	6	6	3	2	2	2	20	20	22	19	3	17						1808
Nevada																		
New Hampshire																		
New Jersey	3	3			3	1			1		1	9		2	1	6		29
New Mexico	3	3							1	1								19
New York	15	15	4		13	13	4	4	17	13	4	38	17	2		19		759
North Carolina	2	2	1		2	2	1	1	3	3								123
North Dakota	5	5	2		3	3	28	28	31	28	3	11	1	4	2	4		1509
Ohio	16	16	2	1	13	12	3	3	15	12	3	5		1	3	1		599
Oklahoma	1	1			1	1			1	1								62
Oregon	15	15	3	3	6	6			6	6								394
Pennsylvania	23	23	4	1	19	18***	6	6	24	15	9	67	12	7	33	15		852
Rhode Island	2	2	1		1	1	21	21	22	20	2	5		3	1	1		1819
South Carolina	5	5	5		3	3	1	1	2	2								53
South Dakota	10	12	7	2	3	3	5	5	7	5	2	2				2		537
Tennessee	3	3	2	1	1	1	1	1	2	2								28
Texas	27	27	12	3	11	9	10	10	19	13	6	79	36	6	15	22		2227
Utah	2	2	1		1													
Vermont	1	1			1	1	1	1	2	1	1	5						91
Virginia	4	4	3		1	1	3	3	4	4								324
Washington	8	8	6	1	2	2			2	2								171
West Virginia	1	1		1			5	5	5	5								7
Wisconsin	6	6	1		6	6	1	1	7	3	4	307	23	15	48	220	1	473
Wyoming																		
Hawaii	4	7			1													
TOTALS	366	394	139	8	64	189	171	313	484	401	83	945	180	89	171	499	4	31,444

1/ Includes case investigations reported after Fiscal Year 1961

\* 4 cases traced to same herd of origin

\*\* Includes 2 animals without postmortem reports

\*\*\* 2 cases traced to same herd of origin

FORMS ADE 6-35 RECEIVED BUT NOT INCLUDED IN ABOVE:

28 for cattle showing skin lesions only.

89 for swine with lesions.

INCLUDES REPORTS FROM NON-FEDERAL PLANTS IN THE STATES OF:



## MODIFIED ACCREDITED TUBERCULOSIS

## AREAS\* BY STATES

Table (7)

(Listed according to order of accreditation)

State	Total Counties in State	Date on which last County in State Accredited
1. North Carolina	100	October 1, 1928
2. Maine	16	May 1, 1929
3. Michigan	83	August 1, 1930
4. Indiana	92	July 1, 1931
5. Wisconsin	72	January 2, 1932 **
6. Ohio	88	January 2, 1932
7. North Dakota	53	July 1, 1932
8. Idaho	44	July 1, 1932
9. Nevada	17	March 1, 1933
10. New Hampshire	10	July 1, 1933
11. Utah	29	July 1, 1933
12. Kentucky	120	November 1, 1933
13. West Virginia	55	December 1, 1933
14. Washington	39	May 1, 1934
15. Illinois	102	September 1, 1934
16. Virginia	98	November 1, 1934***
17. Oregon	36	November 1, 1934
18. Minnesota	87	December 1, 1934
19. Kansas	105	May 1, 1935
20. Florida	67	July 1, 1935
21. Missouri	114	July 1, 1935
22. Arkansas	75	July 1, 1935
23. New Mexico	32	August 1, 1935 - Sept. 1956**
24. Colorado	63	August 1, 1935
25. Wyoming	23	September 1, 1935
26. Tennessee	95	October 1, 1935
27. South Carolina	46	November 1, 1935
28. Massachusetts	14	November 1, 1935
29. Louisiana	64	November 1, 1935
30. Georgia	159	November 1, 1935
31. Alabama	67	November 1, 1935
32. Iowa	99	December 1, 1935
33. Montana	56	December 1, 1935
34. Oklahoma	77	January 2, 1936
35. Delaware	3	January 2, 1936
36. Arizona	14	January 2, 1936
37. Mississippi	82	January 2, 1936
38. Texas	254	March 2, 1936
39. Connecticut	8	April 1, 1936
40. Nebraska	93	June 1, 1936
41. Rhode Island	5	September 1, 1936
42. Vermont	14	November 1, 1936
43. Pennsylvania	67	December 1, 1936
44. Maryland	23	July 1, 1937
45. New Jersey	21	September 1, 1937
46. New York	62	October 1, 1937
47. South Dakota	67	July 1, 1938
48. Virgin Islands	3	December 1, 1938
49. Puerto Rico	77	January 3, 1939
50. California	58	November 1, 1940
51. Alaska	1	July 1, 1956

\* Signified less than 0.5% of Tuberculosis as shown by test.

\*\* Increase is due to addition of a new County.

\*\*\* Decrease is due to abolishment of two Counties.



# TUBERCULOSIS ACCREDITED HERDS AND CATTLE IN SUCH HERDS

Table (8)

End of Fiscal Year	Herds	Cattle
1918	204	6,945
1919	782	19,021
1920	3,370	82,986
1921	8,201	193,620
1922	16,216	363,902
1923	28,526	615,156
1924	48,273	920,370
1925	72,383	1,275,063
1926	96,392	1,577,087
1927	130,476	1,885,072
1928	169,356	2,265,938
1929	170,995	2,280,043
1930	182,858	2,646,686
1931	156,599	2,619,261
1932	174,648	2,863,434
1933	194,349	3,172,575
1934	225,809	3,396,553
1935	238,937	3,514,242
1936	256,056	3,746,955
1937	275,744	3,912,652
1938	269,095	3,807,142
1939	262,972	3,829,941
1940	284,757	3,743,951
1941	263,405	3,925,112
1942	259,775	3,913,405
1943	246,611	3,837,412
1944	243,551	3,828,856
1945	237,991	3,751,942
1946	232,790	3,842,132
1947	233,552	3,890,054
1948	229,807	3,805,156
1949	206,421	3,633,183
1950	195,643	3,508,800
1951	189,943	3,391,205
1952	187,266	3,423,917
1953	186,245	3,485,445
1954	185,149	3,508,077
1955	140,936	3,356,762
1956	134,996	3,324,955
1957	130,696	3,363,799
1958	57,890	1,551,856
1959	52,946	1,444,187
1960	42,287	1,263,768
1961	36,049	1,159,754
1962	36,306	1,172,210

ANNUAL AVERAGE INDEMNITIES, APPRAISALS, AND SALVAGE IN  
TUBERCULOSIS ERADICATION WORK - FISCAL YEARS 1919-1962

Table (9)

Fiscal Year	Percent of Cattle Purebred	Average Appraisal	Average Salvage	Average State Indemnity	Average Federal Indemnity
1919	44.	\$ 131.03	\$ 41.38	\$ 42.72	\$ 22.35
1920	32.	179.18	34.68	51.08	28.88
1921	35.	150.15	22.88	54.24	27.15
1922	28.	109.83	17.66	36.26	23.54
1923	25.	97.62	17.96	33.17	21.15
1924	16.	82.94	17.37	27.72	18.42
1925	12.	76.03	20.33	22.66	17.11
1926	10.	85.70	24.92	25.98	14.89
1927	9.	96.96	31.34	27.55	16.66
1928	9.	111.90	40.35	28.71	18.91
1929	9.	125.76	46.01	33.77	21.22
1930	7.	136.20	42.11	40.41	26.16
1931	8.	111.32	24.96	38.62	26.34
1932	6.	75.16	13.72	30.62	18.96
1933	5.	58.34	11.03	24.64	14.85
1934	4.	54.80	11.45	21.41	13.80
1935	4.	57.55	15.19	15.87	18.70
1936	4.	77.66	26.50	10.18	22.44
1937	5.	86.04	28.94	12.20	22.72
1938	4.	86.76	32.16	16.41	18.12
1939	5.	89.01	34.49	18.96	15.98
1940	6.	91.05	37.12	20.44	16.20
1941	6.	96.20	40.99	20.95	16.48
1942	7.	109.69	50.35	21.49	16.55
1943	8.	135.19	65.03	27.50	18.75
1944	7.	154.53	59.93	36.07	21.72
1945	10.	161.32	59.78	40.31	22.71
1946	8.	174.20	69.00	37.26	23.89
1947	8.	199.46	83.55	40.81	24.19
1948	9.	234.60	119.74	38.53	23.90
1949	8.	285.78	139.46	37.68	24.72
1950	7.	272.87	123.24	43.40	25.05
1951	9.	323.70	174.64	43.59	24.92
1952	9.	346.13	174.05	46.15	25.66
1953	9.	309.47	117.31	49.22	26.12
1954	13.	250.52	82.18	43.76	26.60
1955	11.	235.10	77.63	45.24	25.28
1956	9.	246.52	89.43	39.97	25.60
1957	10.	255.69	94.06	38.44	25.78
1958	12.	301.81	133.27	36.65	26.13
1959	10.2	352.17	167.27	32.68	26.10
1960	11.7	342.15	142.56	38.70	26.76
1961	11.9	340.28	132.90	42.02	26.66
1962	11.6	329.40	128.03	43.00	26.44



# AVIAN TUBERCULOSIS SURVEYS

Table (10)

Fiscal Years 1925-1962

Fiscal Year	Observed Number	Flocks		Fowls
		Infected With Tuberculosis		Observed (Approximate) Number
		Number	Percent	
1925 (Feb-June)	75,799	4,690	6.2	5,107,629
1926	157,950	9,751	6.2	14,012,923
1927	211,675	11,991	5.7	16,502,841
1928	226,104	15,787	7.0	20,411,067
1929	165,239	10,659	6.4	16,763,703
1930	177,156	11,779	6.6	18,931,451
1931	186,966	9,347	5.0	21,174,707
1932	196,670	7,287	3.7	19,576,397
1933	168,286	5,999	3.6	15,741,474
1934	149,915	3,468	2.3	13,951,019
1935	345,382	7,508	2.2	25,749,046
1936	237,449	5,982	2.5	17,313,246
1937	128,351	2,851	2.2	15,813,814
1938	127,912	5,985	4.7	14,838,911
1939	97,836	3,315	3.4	10,129,603
1940	126,604	4,983	3.9	14,943,632
1941	125,813	5,627	4.5	16,217,662
1942	86,855	4,513	5.2	11,737,996
1943	52,044	1,552	3.0	7,558,656
1944	62,012	1,242	2.0	9,872,895
1945	35,874	1,063	2.0	5,084,223
1946	51,174	1,509	2.9	8,063,715
1947	41,296	882	2.1	5,426,589
1948	33,176	786	2.4	4,582,478
1949	35,107	771	2.2	4,920,214
1950	30,271	261	0.9	4,729,966
1951	19,452	354	1.8	2,798,851
1952	35,670	470	1.3	3,315,618
1953	14,240	228	1.6	2,530,529
1954	7,902	65	0.8	1,382,987
1955	2,478	30	1.2	400,497
1956	8,784	49	0.6	1,559,298
1957	2,519	16	0.6	426,859
1958	1,869	34	1.8	342,773
1959	457	19	4.2	146,971
1960	558	29	5.2	129,840
1961	415	5	1.2	98,001
1962	1,392	8	0.6	371,019
Totals	3,428,752	140,895	4.1	352,659,100



SUMMARY OF AVIAN TUBERCULOSIS ERADICATION WORK IN COOPERATION

WITH STATES -- July 1961 - June 1962

RESULTS OF OBSERVATION OF POULTRY BY VETERINARIANS ENGAGED IN

CATTLE TUBERCULIN TESTING WORK

TABLE 11

State	Observed		Apparently Free				TUBERCULOUS FLOCKS			
	Flocks	Fowls	Flocks	Fowls	Flocks	Autopsied Fowls	Flocks	Fowls	No. Fowls Autopsied	No. Fowls T.B.
Indiana	4	192	4	192	-	-	-	-	-	-
Missouri	2	25	1	24	-	-	1	1	1	1
Nebraska	33	6,437	32	6,137	4	10	1	300	2	1
New Jersey	1	6,700	-	-	-	-	1	6,700	1,100	230
Ohio	1	70	-	-	-	-	1	70	3	3
South Dakota	1,347	357,078	1,346	357,042	1	2	1	36	2	2
Wisconsin	1	36	1	36	-	-	-	-	-	--
Wyoming	3	481	-	----	-	-	3	481	-	106
TOTALS	1,392	371,019	1,384	363,431	5	12	8	7,588	1,108	343

## SUMMARY OF PARATUBERCULOSIS (JOHNE'S DISEASE) FISCAL YEARS 1957-1962

TABLE 12

Fiscal Year	Herds	Cattle Tested	Reactors Found	Infected Premises
1957	217	11,183	547	85
1958	213	8,406	395	85
1959	208	7,817	344	89
1960	485	12,647	518	89
1961	443	10,829	204	78
1962	430	13,360	261	66

TABLE 13 SUMMARY OF PARATUBERCULOSIS (JOHNE'S DISEASE) FISCAL YEAR 1962

State	Herds	Cattle Tested	Reactors Found	Infected Premises
Alabama	1	26	-	-
Arizona	-	-	-	-
Arkansas	-	-	-	-
California	9	863	30	4
Colorado	-	-	-	-
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	2	1,516	7	2
Georgia	-	-	-	-
Idaho	-	-	-	-
Illinois	19	315	14	3
Indiana	23	654	10	5
Iowa	3	68	1	1
Kansas	2	28	-	-
Kentucky	3	151	4	2
Louisiana	-	-	-	-
Maine	-	-	-	-
Maryland	3	236	2	2
Massachusetts	5	11	-	-
Michigan	2	130	-	-
Minnesota	11	466	21	4
Mississippi	-	-	-	-
Missouri	21	865	2	2
Montana	1	6	-	-
Nebraska	2	65	1	1
Nevada	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	-	-	-
New Mexico	-	-	-	-
New York	8	614	2	1
North Carolina	-	-	-	-
North Dakota	2	214	4	1
Ohio	18	680	19	5
Oklahoma	1	2	-	-
Oregon	4	87	19	4
Pennsylvania	16	1,333	53	10
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
South Dakota	1	238	-	-
Tennessee	-	-	-	-
Texas	214	2,332	-	-
Utah	-	-	-	-
Vermont	-	-	-	-
Virginia	11	348	21	2
Washington	39	1,724	30	11
West Virginia	-	-	-	-
Wisconsin	8	386	21	6
Wyoming	-	-	-	-
Alaska	-	-	-	-
Hawaii	1	2	-	-
Puerto Rico	-	-	-	-
Virgin Islands	-	-	-	-
Totals	430	13,360	261	66

SUMMARY OF AVIAN TUBERCULOSIS ERADICATION WORK IN COOPERATION

WITH STATES -- FISCAL YEARS 1956 - 1962

TABLE 14

Fiscal Year	Tested		Negative Clean		Infected Flocks			
	Number of Flocks	Number of Flocks	Number of Flocks	Number of Fowls	Number of Flocks	Number Fowls In Infected Flocks	Number Fowls Tested	Reactors
1956	78	3,744	46	2,333	32	1,411	1,411	175
1957	26	1,768	17	1,371	9	777	397	52
1958	26	1,661	17	1,118	9	543	543	68
1959	67	5,113	41	3,013	26	23,777	2,100	492
1960	109	6,028	64	3,583	45	5,450	2,445	386
1961	102	5,606	76	4,306	25	4,945	1,848	555
1962	77	4,340	64	3,262	14	1,090	919	259

SUMMARY OF AVIAN TUBERCULOSIS ERADICATION WORK IN COOPERATION

WITH STATES - - JULY 1961 - JUNE 1962

TABLE 15

RESULTS OF TUBERCULIN TESTS APPLIED TO POULTRY

State	Tested		Negative		Flocks with Reactors				Reactors Autopsied		
	Flocks	Fowls	Flocks	Fowls	Flocks	Total Fowls	Fowls Tested	Reactors	Flocks	Fowls	T.B.
Colorado	1	26	1	12	1	26	26	14	-	-	-
Delaware	1	21	1	21	-	-	-	-	-	-	-
Indiana	2	31	2	31	-	-	-	-	-	-	-
Kansas	2	105	2	105	-	-	-	-	-	-	-
Maryland	2	72	1	50	1	22	22	6	1	1	1
Minnesota	2	106	2	106	-	-	-	-	-	-	-
Missouri	2	95	1	65	1	30	30	1	-	-	-
Montana	7	748	5	535	2	213	49	12	1	5	3
Nebraska	3	350	2	250	1	100	100	25	1	2	2
Nevada	1	10	1	10	-	-	-	-	-	-	-
Ohio	5	96	3	26	2	70	63	9	-	-	-
South Dakota	1	74	1	74	-	-	-	-	-	-	-
Texas	1	78	1	78	-	-	-	-	-	-	-
Utah	37	1,569	36	1,539	1	30	30	5	-	-	-
Virginia	3	133	1	15	2	118	118	62	1	1	1
Washington	1	3	1	3	-	-	-	-	-	-	-
Wisconsin	1	36	1	36	-	-	-	-	-	-	-
Wyoming	4	717	1	236	3	481	481	125	-	-	-
Puerto Rico	1	70	1	70	-	-	-	-	-	-	-
TOTALS	77	4,340	64	3,262	14	1,090	919	259	4	9	7

Note: No testing reported in States not listed.



## SUMMARY OF ANIMALS CLASSIFIED AS SUSPICIOUS TO TUBERCULIN TESTS

TABLE 16

Fiscal Years 1959 - 1962

Fiscal Year	Lots and Cattle tested showing suspects but no reactors			Suspects in Lots Containing Reactors	Total Suspects
	Lots	Cattle	Suspects		
1959	3,298	119,579	5,094	1,880	6,974
1960	3,845	164,592	6,267	1,496	7,763
1961	5,447	322,708	10,123	3,477	13,600
1962	7,279	383,943	15,426	4,924	20,350

## SUMMARY OF ANIMALS CLASSIFIED AS SUSPICIOUS TO TUBERCULIN TESTS

TABLE 17

Fiscal Year 1962

State	Lots and Cattle tested showing suspects but no reactors			Suspects in Lots Containing Reactors	Total Suspects
	Lots	Cattle	Suspects		
Alabama	-	-	-	-	-
Alaska	-	-	-	-	-
Arizona	-	-	-	-	-
Arkansas	2	62	4	-	4
California	897	125,172	3,358	3,351	6,709
Colorado	-	-	-	1	1
Connecticut	81	4,231	118	5	123
Delaware	19	478	38	2	40
Florida	21	8,874	73	41	114
Georgia	4	350	8	-	8
Idaho	14	1,068	18	-	18
Illinois	67	2,112	128	9	137
Indiana	40	1,586	68	28	96
Iowa	-	-	-	-	-
Kansas	2	57	3	10	13
Kentucky	39	1,083	52	14	66
Louisiana	3	208	3	-	3
Maine	10	833	18	2	20
Maryland	53	2,508	101	24	125
Massachusetts	6	476	7	8	15
Michigan	1,856	58,684	3,490	604	4,094
Minnesota	672	23,653	1,129	66	1,195
Mississippi	17	786	43	-	43
Missouri	12	729	26	1	27
Montana	8	448	46	-	46
Nebraska	12	295	18	2	20
Nevada	3	220	3	2	5
New Hampshire	6	346	12	13	25
New Jersey	-	-	-	-	-
New Mexico	2	1,010	17	-	17
New York	621	29,573	1,265	106	1,371
North Carolina	105	5,942	198	3	201
North Dakota	42	1,327	64	-	64
Ohio	467	15,490	743	112	855
Oklahoma	29	2,431	95	37	132
Oregon	98	3,914	248	68	316
Pennsylvania	157	5,943	287	95	382
Rhode Island	2	6	2	-	2
South Carolina	30	1,409	55	-	55
South Dakota	126	7,390	218	8	226
Tennessee	-	-	-	-	-
Texas	12	670	47	-	47
Utah	49	1,316	102	24	126
Vermont	42	2,688	77	11	88
Virginia	192	10,423	378	21	399
Washington	14	853	38	7	45
West Virginia	14	901	28	-	28
Wisconsin	1,401	52,971	2,466	98	2,564
Wyoming	-	-	-	-	-
Alaska	-	-	-	-	-
Hawaii	4	591	17	15	32
Puerto Rico	28	4,836	317	136	453
Virgin Islands	-	-	-	-	-
Totals	7,279	383,943	15,426	4,924	20,350

SWINE TUBERCULOSIS TESTING  
Fiscal Years 1958 - 1962

TABLE 18

Fiscal Year	Tested			Negative			Reactors			Avian			Mammalian			Avian and Mammalian Tuberculin		
	Number of Herds	Number of Swine	Number of Herds	Number of Swine	Number of Herds	Number of Swine	Number of Herds	Number of Reactors	Number of Reactors	Number of Herds	Number of Reactors	Number of Reactors	Number of Herds	Number of Reactors	Number of Reactors	Number of Herds	Number of Reactors	Number of Reactors
1958	126	3,135	91	1,769	33	285	26	108	9	26	131	2	6	10				
1959	203	4,419	179	3,776														
1960	229	6,320	188	5,029														
1961	232	9,599	180	6,557														
1962	192	5,513	156	3,785														

SUMMARY OF SWINE TUBERCULOSIS ERADICATION WORK IN COOPERATION  
WITH STATES: JULY 1961 - JUNE 1962

RESULTS OF TUBERCULIN TESTS APPLIED TO SWINE

TABLE 19

States	Tested			Negative			Reactors			Avian			Mammalian			Avian and Mammalian Tuberculin		
	Number of Herds	Number of Swine	Number of Herds	Number of Swine	Number of Herds	Number of Swine	Number of Herds	Number of Reactors	Number of Reactors	Number of Herds	Number of Reactors	Number of Reactors	Number of Herds	Number of Reactors	Number of Reactors	Number of Herds	Number of Reactors	Number of Reactors
Colorado	1	7	1	2	1	5	1	5	1	1	5	-	-	-	-	-	-	-
Florida	22	533	22	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	1	73	1	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois	7	58	7	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indiana	4	185	3	149	1	1	1	1	1	1	1	-	-	-	-	-	-	-
Iowa	10	220	8	180	2	17	1	3	1	1	3	-	-	-	-	1	6	7
Louisiana	1	20	1	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maine	1	2	-	-	-	2	-	2	-	-	-	1	2	-	-	-	-	-
Maryland	2	14	2	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Michigan	2	43	1	20	1	17	1	17	1	1	17	-	-	-	-	-	-	-
Missouri	12	221	11	207	1	14	-	14	-	-	-	1	14	-	-	-	-	-
Montana	4	120	2	13	2	26	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	3	44	3	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	3	3	-	-	3	3	-	3	-	-	-	-	-	-	-	-	-	-
No. Carolina	1	423	-	-	1	133	-	133	1	1	1	2	2	-	-	-	-	-
Ohio	18	755	8	187	10	38	-	38	-	-	-	-	-	-	-	1	130	3
South Dakota	3	264	2	245	2	5	1	3	1	1	3	1	2	-	-	-	-	-
Texas	9	104	9	104	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	75	2,229	67	1,824	5	20	8	37	1	1	1	1	1	-	-	-	-	-
Washington	1	8	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wisconsin	5	62	5	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	4	26	1	20	1	1	-	1	-	-	-	3	5	-	-	-	-	-
Alaska	1	75	-	-	1	1	1	1	1	1	1	-	-	-	-	-	-	-
Hawaii	2	24	1	22	1	2	1	2	1	1	2	-	-	-	-	-	-	-
TOTALS	192	5,513	156	3,785	33	285	26	108	9	26	131	2	6	10				

No testing reported in states not listed



LOSSES OF CATTLE, EXCEPTING REACTORS, DUE TO RETENTIONS FOR TUBERCULOSIS  
(not including parts of carcasses) (from Federal Meat Inspection records)

TABLE 20

Fiscal Year	Cattle Slaughtered Minus Reactors	Carcasses Retained Minus Reactors		Carcasses Condemned and Passed for Cooking Minus Re- actors and % of Slaughter	
	Number	Number	Percent	Number	Percent
1916	7,387,051	173,754	2.35	39,218	0.53
1917	9,276,049	195,488	2.11	49,214	0.53
1918	10,912,417	196,917	1.8	46,335	0.42
1919	11,212,543	176,250	1.57	42,729	0.38
1920	9,666,188	157,016	1.62	39,305	0.41
1921	8,137,982	132,068	1.62	33,312	0.41
1922	7,795,323	146,945	1.87	34,712	0.45
1923	8,934,975	156,738	1.75	41,113	0.46
1924	9,049,342	141,595	1.56	39,333	0.43
1925	9,595,969	145,012	1.51	40,374	0.42
1926	9,817,599	138,506	1.41	41,125	0.42
1927	9,810,797	112,924	1.15	31,755	0.32
1928	8,837,882	91,856	1.04	25,664	0.29
1929	8,120,992	81,276	1.0	21,265	0.26
1930	8,119,760	61,192	0.75	15,487	0.19
1931	8,061,749	50,725	0.63	12,430	0.15
1932	7,793,878	38,446	0.5	9,307	0.12
1933	7,554,258	31,971	0.42	7,993	0.11
1934	9,476,141	34,509	0.36	9,329	0.10
1935	12,563,474	30,569	0.24	8,273	0.07
1936	10,215,227	19,076	0.19	4,856	0.05
1937	10,853,778	15,816	0.15	4,003	0.04
1938	9,934,984	11,663	0.12	2,828	0.03
1939	9,515,754	10,090	0.11	2,395	0.03
1940	9,530,642	8,384	0.09	1,998	0.02
1941	10,102,594	8,029	0.07	1,868	0.02
1942	11,743,465	7,255	0.06	1,865	0.015
1943	11,559,167	5,630	0.04	1,440	0.012
1944	12,900,844	5,778	0.04	1,628	0.012
1945	14,504,806	5,830	0.04	1,539	0.01
1946	12,564,738	4,499	0.035	1,194	0.009
1947	14,080,279	4,017	0.028	1,051	0.007
1948	14,235,111	3,968	0.028	1,116	0.008
1949	13,168,967	3,712	0.028	996	0.008
1950	13,100,662	4,125	0.031	796	0.006
1951	12,570,825	2,674	0.021	518	0.004
1952	12,132,333	3,133	0.026	463	0.004
1953	15,204,998	1,406	0.009	447	0.003
1954	18,474,637	1,299	0.007	441	0.002
1955	18,725,455	941	0.005	293	0.0015
1956	19,670,012	617	0.003	178	0.0009
1957	20,133,683	824	0.004	212	0.00105
1958	18,570,794	567	0.003	114	0.0006
1959	17,310,870	447	0.00217	91	0.000525
1960	18,453,894	425	0.00230	88	0.000476
1961	19,861,262	382	0.00019	87	0.000438
1962	20,152,309	411	0.00204	79	0.000392



LOSSES OF SWINE DUE TO RETENTIONS FOR TUBERCULOSIS  
(from Federal Meat Inspection Records)

TABLE 21

Fiscal Year	Swine Slaughtered	Carcasses Retained		Carcasses Passed For Cooking and % of Slaughter		Carcasses Condemned and % of Slaughter	
		Number	Percent	Number	Percent	Number	Percent
1921	37,702,866	4,693,305	12.4	96,234	0.26	64,830	0.17
1922	39,416,439	5,640,081	14.3	95,809	0.24	70,304	0.18
1923	48,600,069	7,139,925	14.7	113,802	0.23	88,688	0.18
1924	54,416,481	8,293,965	15.2	125,000	0.23	100,110	0.18
1925	48,459,608	7,039,724	14.5	106,328	0.22	86,282	0.18
1926	40,442,730	5,667,093	14.0	81,646	0.2	63,748	0.16
1927	42,650,443	5,778,009	13.5	73,232	0.17	59,656	0.14
1928	48,347,393	5,872,503	12.1	69,756	0.14	55,749	0.12
1929	47,163,573	5,408,910	11.5	58,030	0.13	46,624	0.1
1930	46,688,860	5,321,352	11.4	53,783	0.12	42,381	0.09
1931	44,020,633	5,174,343	11.8	49,549	0.11	38,805	0.09
1932	45,852,422	5,222,420	11.4	45,651	0.1	37,509	0.08
1933	45,698,053	4,820,152	10.5	40,769	0.09	35,680	0.08
1934	45,773,196	5,102,636	11.1	37,686	0.08	40,038	0.09
1935	34,413,317	3,714,828	10.8	36,554	0.08	26,133	0.08
1936	28,506,019	2,925,593	10.3	16,389	0.06	15,195	0.05
1937	36,226,309	3,435,433	9.5	17,666	0.05	15,854	0.04
1938	32,543,905	2,964,201	9.1	13,665	0.04	12,423	0.04
1939	38,656,537	3,418,805	8.8	15,160	0.04	13,190	0.03
1940	46,673,925	4,076,996	8.7	18,148	0.04	16,015	0.03
1941	48,710,059	4,014,021	8.2	15,907	0.03	15,317	0.03
1942	50,133,871	3,991,333	8.0	14,413	0.03	13,357	0.03
1943	56,867,080	4,056,918	7.1	13,660	0.02	13,051	0.02
1944	74,946,117	5,185,294	6.9	15,744	0.02	15,910	0.02
1945	49,468,458	3,556,582	7.2	10,396	0.02	12,445	0.02
1946	42,664,755	3,264,985	7.65	8,725	0.02	10,514	0.02
1947	45,073,370	3,843,732	8.5	8,756	0.02	10,756	0.02
1948	48,550,688	2,987,070	6.1	8,596	0.018	9,804	0.02
1949	49,062,656	2,735,094	5.6	7,490	0.015	8,654	0.018
1950	55,764,636	2,913,254	5.2	9,486	0.017	11,296	0.02
1951	59,601,593	2,837,120	4.7	9,778	0.016	11,378	0.019
1952	63,965,422	2,827,998	4.4	7,670	0.011	10,368	0.016
1953	57,391,886	2,471,947	4.3	7,632	0.013	9,936	0.017
1954	50,295,636	1,955,686	3.9	6,397	0.013	7,875	0.016
1955	57,055,438	1,892,013	3.3	5,016	0.009	7,311	0.013
1956	66,779,920	2,056,566	3.1	4,589	0.007	7,774	0.012
1957	62,238,519	1,841,623	2.9	3,482	0.0057	7,146	0.011
1958	59,202,889	1,640,128	2.8	3,807	0.0064	5,847	0.010
1959	63,870,479	1,785,902	2.78	3,368	0.00527	5,895	0.0092
1960	70,494,437	1,706,136	2.42	1,861	0.00263	5,983	0.00848
1961	64,210,887	1,587,938	2.47	1,891	0.00294	6,147	0.0095
1962	67,109,539	1,513,126	2.25	1,789	0.00266	5,503	0.0082

